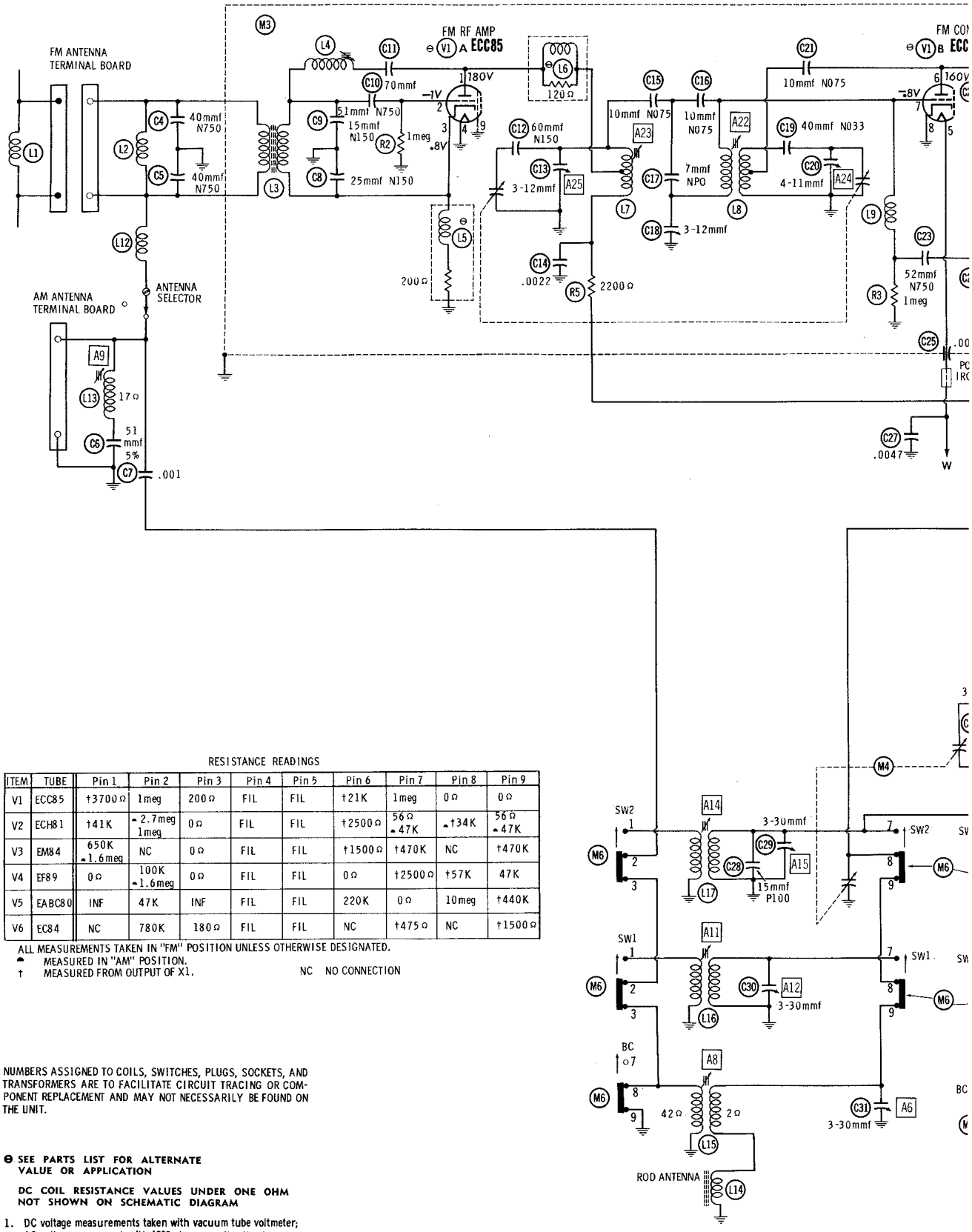
radiomuseum.org: Sterling Elektra USA U138 Ch= 1/613US Export



RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	ECC85	†3700Ω	1meg	200Ω	FIL	FIL	†21K	1meg	0Ω	0Ω
V2	ECH81	†41K	▲2.7meg 1meg	0Ω	FIL	FIL	†2500Ω	56Ω ▲47K	▲†34K	56Ω ▲47K
V3	EM84	650K ▲1.6meg	NC	0Ω	FIL	FIL	†1500Ω	†470K	NC	†470K
V4	EF89	0Ω	100K ▲1.6meg	0Ω	FIL	FIL	0Ω	†2500Ω	†57K	47K
V5	EABC80	INF	47K	INF	FIL	FIL	220K	0Ω	10meg	†440K
V6	EC84	NC	780K	180Ω	FIL	FIL	NC	†475Ω	NC	†1500Ω

ALL MEASUREMENTS TAKEN IN "FM" POSITION UNLESS OTHERWISE DESIGNATED.
▲ MEASURED IN "AM" POSITION.
† MEASURED FROM OUTPUT OF X1. NC NO CONNECTION

NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

Θ SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM

1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common ground.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.

A PHOTOFACT STANDARD NOTATION SCHEMATIC with CIRCUITRACE®

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